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Jul 15, 2004

DERWENT-ACC-NO: 2004-518807

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TITLE: Filter for gas or liquid, in flow through pipe, has bristles secured at pipe section clamping points to project into medium flow to separate any particles

INVENTOR: GRAEBELDINGER, W; RAUSCHMEIER, A ; SCHNEIDER, T

PRIORITY-DATA: 2002DE-1060496 (December 21, 2002)

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DE 10260496 A1

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ABSTRACTED-PUB-NO: DE 10260496A

BASIC-ABSTRACT:

NOVELTY - The filter, for a gas or a liquid, has at least one filter unit (18) in a brush structure with one or more bristle units (19) in the medium flow path (17). Where the filter is located within a pipe (11), the bristles are to one side of the filter at the clamping points (21,22) between pipe sections (12,13), and wound around a guide wire to be locked in place. The bristles are of carbon, glass, metal and/or plastics fibers.

USE - The filter is for the removal of particles from a gas or liquid flow through e.g. a pipe.

ADVANTAGE - The filter bristles can be in successive positions to give a particle removal action in sequence and in a structured action, and they can be used repeatedly.

DESCRIPTION OF DRAWING(S) - The drawing shows a schematic cross section through a filter at a pipe joint.

pipe 11

pipe sections 12,13

medium flow path 17

filter unit 18

bristles 19

clamping points 21,22

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